



UTP WELDING MATERIALS, INC.

BellAIR, Inc.

8205

PORSF
11.3.85.1.1
NDATE

MATERIAL SAFETY DATA SHEET

(SIMILAR TO FORM OSHA 20)

SECTION I MATERIAL IDENTIFICATION	
MANUFACTURERS NAME	UTP Welding Materials, Inc.
EMERGENCY PHONE NO.	(617) 331-0800
ADDRESS	2 West Street, P.O.Box 62, Weymouth, Ma. 02190
TRADE NAME	
AWS OR OTHER SPECIFICATIONS	

SECTION II INGREDIENTS					
		% WT	TLV UNITS mg/m ³		
Core wire:				Electrode covering:	
Chromium	ca.	18%		Titanium dioxide	ca. 25,0%
Nickel	ca.	12%		Alkali aluminum silicate and	
Molybdenum	ca.	2,5%		carbonate	ca. 32,0%
Iron		Balance		Chromium	ca. 24,0%
				Nickel	ca. 6,5%
				Iron Manganese	ca. 4,0%
ACGIH THRESHOLD LIMIT VALUES MEASURED IN TIME-WEIGHTED AVERAGES <input type="checkbox"/> SHORT TERM EXPOSURE <input type="checkbox"/>					

SECTION III PHYSICAL DATA (TOTAL PRODUCT)			
BOILING POINT (°C)	--	SPECIFIC GRAVITY (H ₂ O=1)	--
VAPOR PRESSURE (mmHg)	--	PERCENT VOLATILE BY VOLUME (%)	--
VAPOR DENSITY (AIR=1)	--	EVAPORATION RATE (ETHER=1)	--
SOLUBILITY IN WATER	--		
APPEARANCE AND ODOR Stick electrode, with grey coating, tip color: yellow			

SECTION IV FIRE AND EXPLOSION HAZARD DATA (TOTAL PRODUCT)			
FLASH POINT	--	FLAMMABLE LIMITS	--
EXTINGUISHING MEDIA	--	LeI	--
SPECIAL FIRE FIGHTING PROCEDURES	--	UeI	--
UNUSUAL FIRE AND EXPLOSION HAZARDS	--		

SECTION V REACTIVITY DATA			
STABILITY	UNSTABLE	--	CONDITIONS TO AVOID
	STABLE	--	
INCOMPATABILITY			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR	--	CONDITIONS TO AVOID
	WILL NOT OCCUR	--	



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SECTION VI HEALTH HAZARD DATA

STATEMENT OF HAZARD & PRECAUTIONARY STATEMENT: Potentially hazardous materials may be employed in base metals, fluxes, coatings, and filler metals used in soldering, brazing, and welding or may be released to the atmosphere during operations.

Hazardous welding fumes

EFFECTS OF OVEREXPOSURE: Irritation of eyes, lungs and mucous membranes.

EMERGENCY AND FIRST AID PROCEDURES: Remove to fresh air, call physician

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: not applicable

WASTE DISPOSAL METHOD: Dispose of in an environmentally safe manner

SECTION VIII SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: Fume respirator or air line respirator for confined space or where exposures are above TLV.

VENTILATION

LOCAL EXHAUST: Required in semi-open or poorly ventilated spaces. See ANSI/ASC Z49.1 - Section 5.

MECHANICAL (GENERAL): Required in semi-open or poor naturally ventilated spaces. See ANSI/ASC Z49.1 - Section 5.

PROTECTIVE GLOVES: Welders protective gloves

EYE PROTECTION: Goggles and/or welding helmet with appropriate shaded lens

(See ANSI/ASC Z49.1 - Section 4.2)

OTHER PROTECTIVE EQUIPMENT: Appropriate clothing for protection against sparks or hot metal.
(See ANSI/ASC Z49.1 - Section 4.3)

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Cool and dry storage

OTHER PRECAUTIONS: When welding, brazing, or soldering; welding arc or torch flame may be a source of ignition of combustible product

**REFER TO U.S.A. STANDARD ANSI/ASC Z49.1, 1983 "SAFETY IN WELDING AND CUTTING" FOR

SPECIFIC PRECAUTIONS IN ALL PHASES OF WELDING, CUTTING, AND BRAZING. (PUBLISHED BY

THE AMERICAN WELDING SOCIETY, 550 NORTH LE JEUNE ROAD, MIAMI, FLORIDA 33135)

OSHA SAFETY AND HEALTH STANDARDS, 29 CFR 1910. AVAILABLE FROM U.S. DEPT. OF LABOR, WASHINGTON, DC 20210